

## EAST Search History

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| S1    | 6    | ((("6455173") or ("6183884") or ("6063435") or ("5652044") or ("6764779") or ("5876860")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/06/06 20:11 |
| S2    | 425  | (( "ZrO.sub.2" or zirconia) with (yttria or "Y.sub.2O.sub.3" or (yttrium near oxide))) and (columnar and erosion or conductiv\$3 or CMAS) and (bond with coat) and (\$CrAl\$ or aluminide) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/06 20:39 |
| S3    | 7141 | ((416/241R,241B) or (428/699,697, 701,702)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/06/06 20:15 |
| S4    | 178  | S2 and S3  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/06 20:35 |
| S5    | 1    | S2 and S3 and ((reverse or rotate) with substrate)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/06 20:36 |
| S6    | 41   | S2 and S3 and ((reverse or rotat\$3 or orient\$ or axis) same substrate)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/06 20:37 |
| S7    | 1729 | ((("ZrO.sub.2" or zirconia) with (yttria or "Y.sub.2O.sub.3" or (yttrium near oxide))) and (columnar and erosion or conductiv\$3 or CMAS) and align\$4                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/06 20:41 |
| S8    | 1460 | ((("ZrO.sub.2" or zirconia) with (yttria or "Y.sub.2O.sub.3" or (yttrium near oxide))) and (columnar and erosion or conductiv\$3 or CMAS) and align\$4 and (thermal or barrier)            | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/06 20:45 |
| S9    | 49   | S8 and S3  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/06/06 20:45 |